

IN THE CLAIMS:

Please amend claims 1, 3, 5, and 7 as shown below.

Claim 11 is cancelled.

The claims of this application are as follows:

1. (currently amended) Apparatus for controlling color of an interference effect pigment during the pigment preparation comprising:
  - an interference effect pigment reactor capable of receiving a slurry of platy substrate and coating a hydrous layer onto said platy substrate to form a pigment;
  - a flow cell in communication with the reactor adapted to receive and orient a sample of pigment from the reactor; and
  - a goniospectrophotometer, interfaced with said flow cell, for evaluating light reflected from pigment in said flow cell.
2. (original) Apparatus of claim 1, wherein said goniospectrophotometer is adapted to evaluate light reflected at up to 25° from the specular angle of the pigment.
3. (currently amended) Apparatus of claim 1, wherein said goniospectrophotometer is adapted to evaluate interference characteristics of light reflected from the pigment ~~dispersion~~.
4. (original) Apparatus of claim 1, wherein said flow cell is a thin layer flow cell.
5. (currently amended) Apparatus of claim 1, wherein said flow cell provides a flow layers, for conducting the pigment ~~dispersion~~ therethrough, having a measurement transverse to a flow direction of the pigment ~~dispersion~~ ranging from .1 mm to 2 mm.
6. (original) Apparatus of claim 5, wherein the measurement ranges from 0.5 mm to 1 mm.

7. (currently amended) Method for continuously controlling color of an interference effect pigment during the pigment preparation comprising coating a platy substrate with a hydrous layer to form a pigment, providing a flow cell with an oriented sample of ~~the~~ said pigment being formed, impinging light on ~~the~~ said sample, and comparing a characteristic of light reflected from said sample of the pigment with a standard, and terminating said coating when the characteristic corresponds with the standard.
8. (original) Method of claim 7, wherein the characteristic is a characteristic of an interference effect of light reflected from the pigment.
9. (original) Method of claim 7, wherein said comparing a characteristic of light comprises comparing wavelength, dominant wavelength, color space parameters or a combination thereof.
10. (original) Method of claim 7, wherein said sample comprises mica coated with a high refractive index material.
11. (cancelled)
12. (original) Method of claim 7, wherein said flow cell is a thin layer flow cell and the method further comprises providing a sample of the pigment being formed to said flow cell.